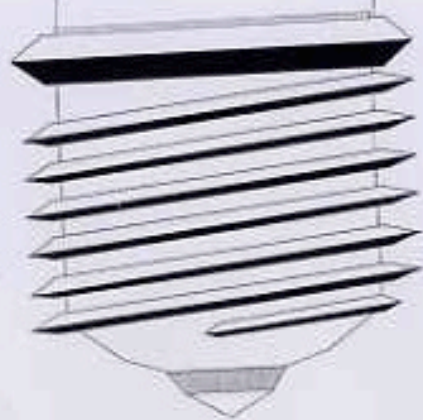
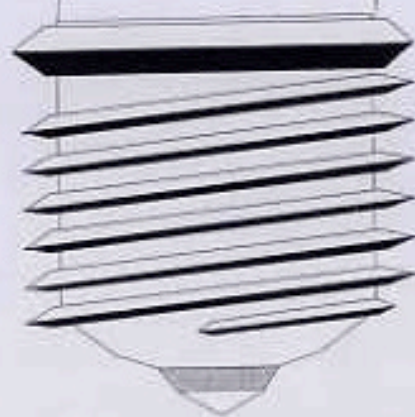


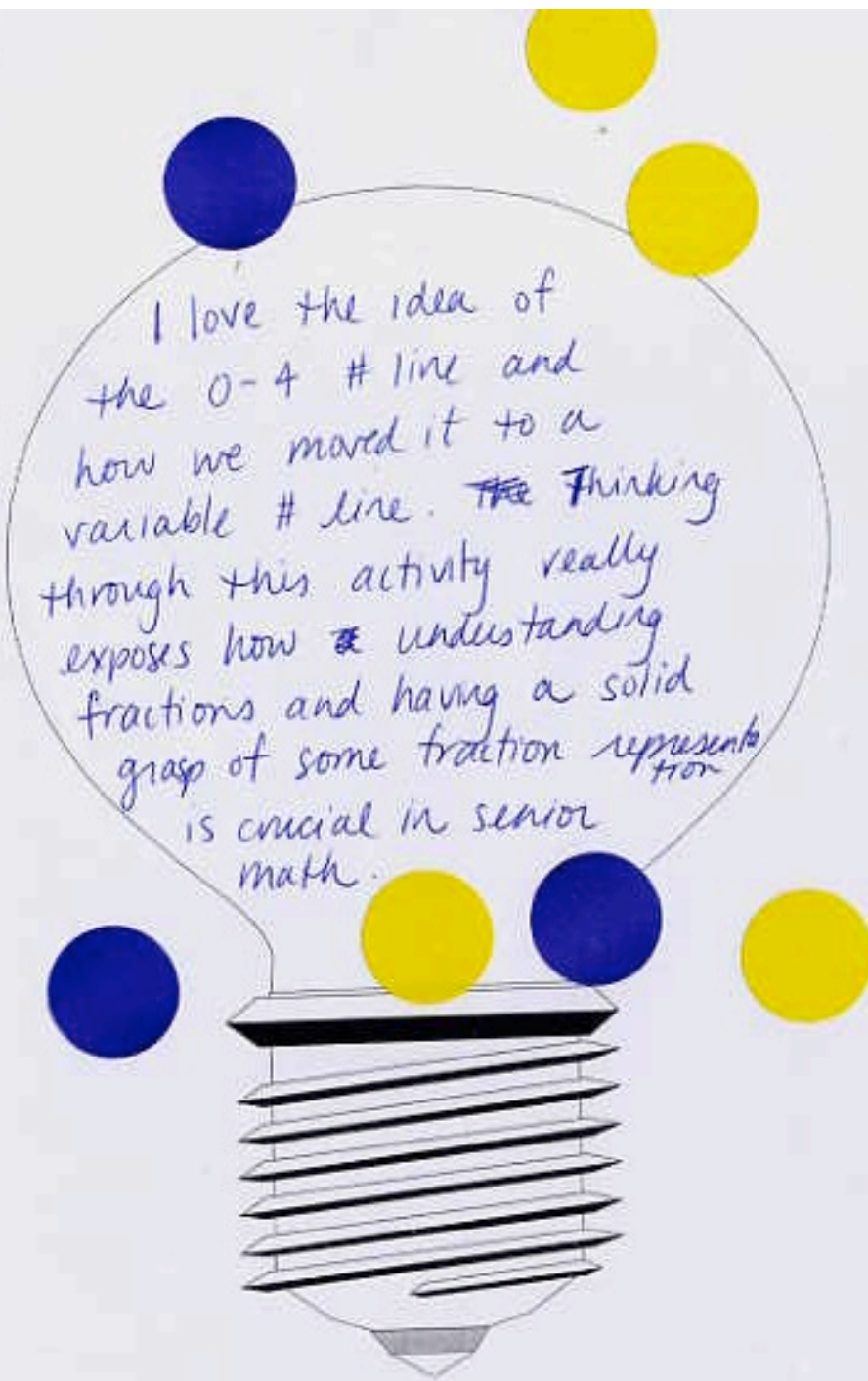
effective use
of technology
for portfolios
with students to
~~for~~ assess
their learning.



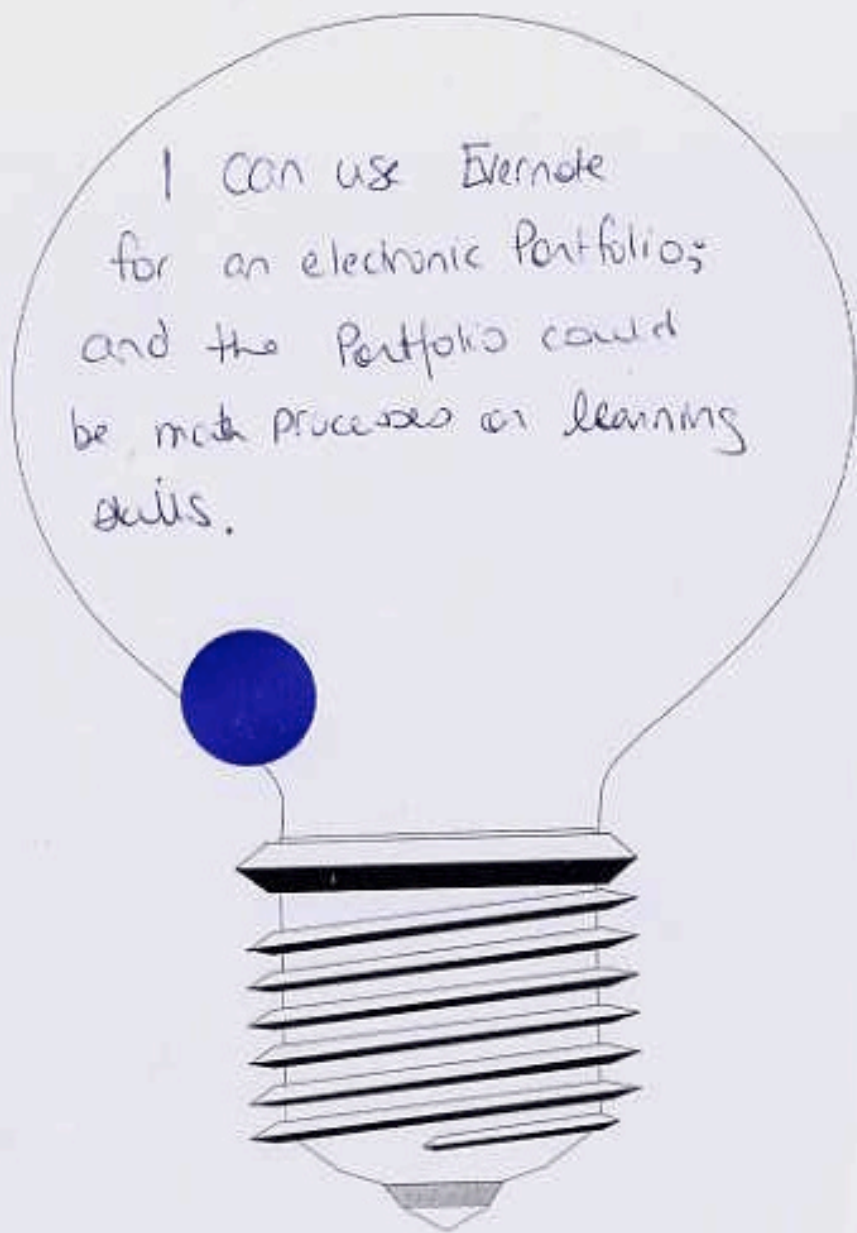
EVERYTHING!

- the large amount of on-line resources that are available that can be used for a classroom community.
- the visual exemplar that represented fraction operations. I always wondered how to represent them visually - ex. fraction grid.





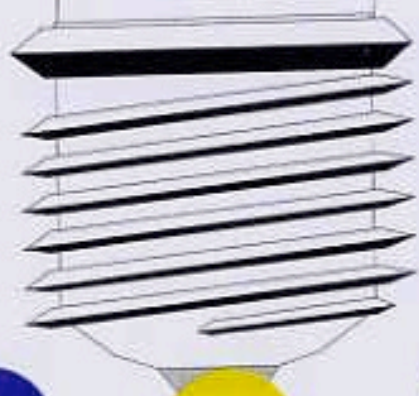
I love the idea of the 0-4 # line and how we moved it to a variable # line. ~~The~~ Thinking through this activity really exposes how ~~a~~ understanding fractions and having a solid grasp of some fraction ^{representa}tion is crucial in senior math.



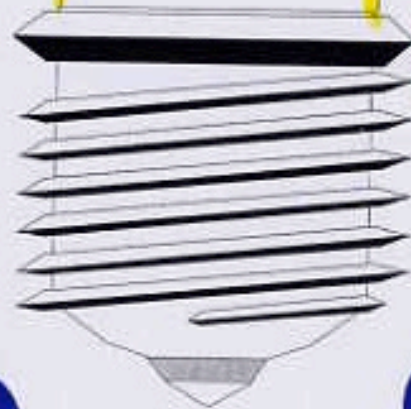
I can use Evernote for an electronic Portfolio; and the Portfolio could be math processes or learning skills.

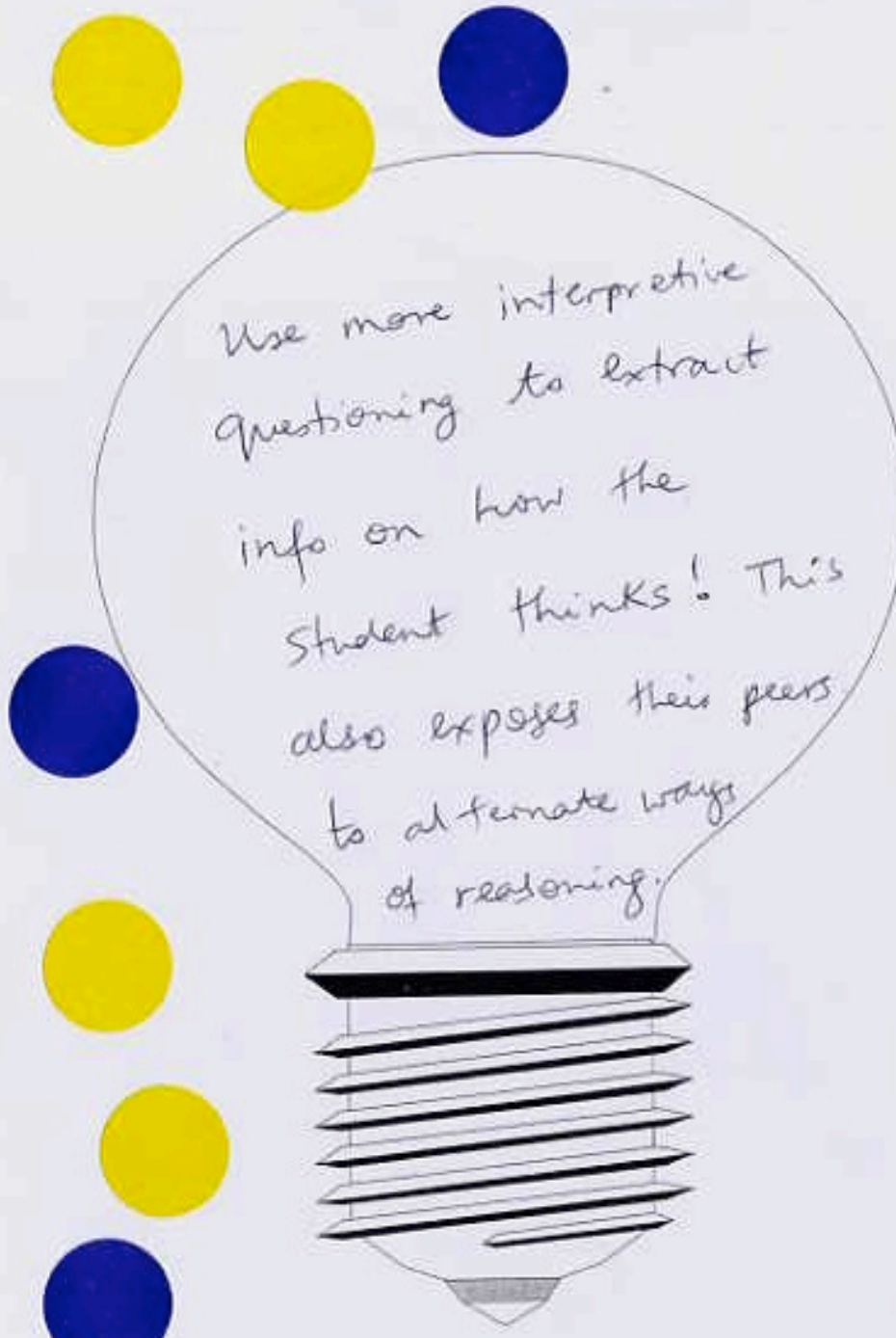
IMPORTANT!!

Even when a student's response
is "incorrect" careful listening
allows you to extract what
they know and what their
fragile understandings
are!

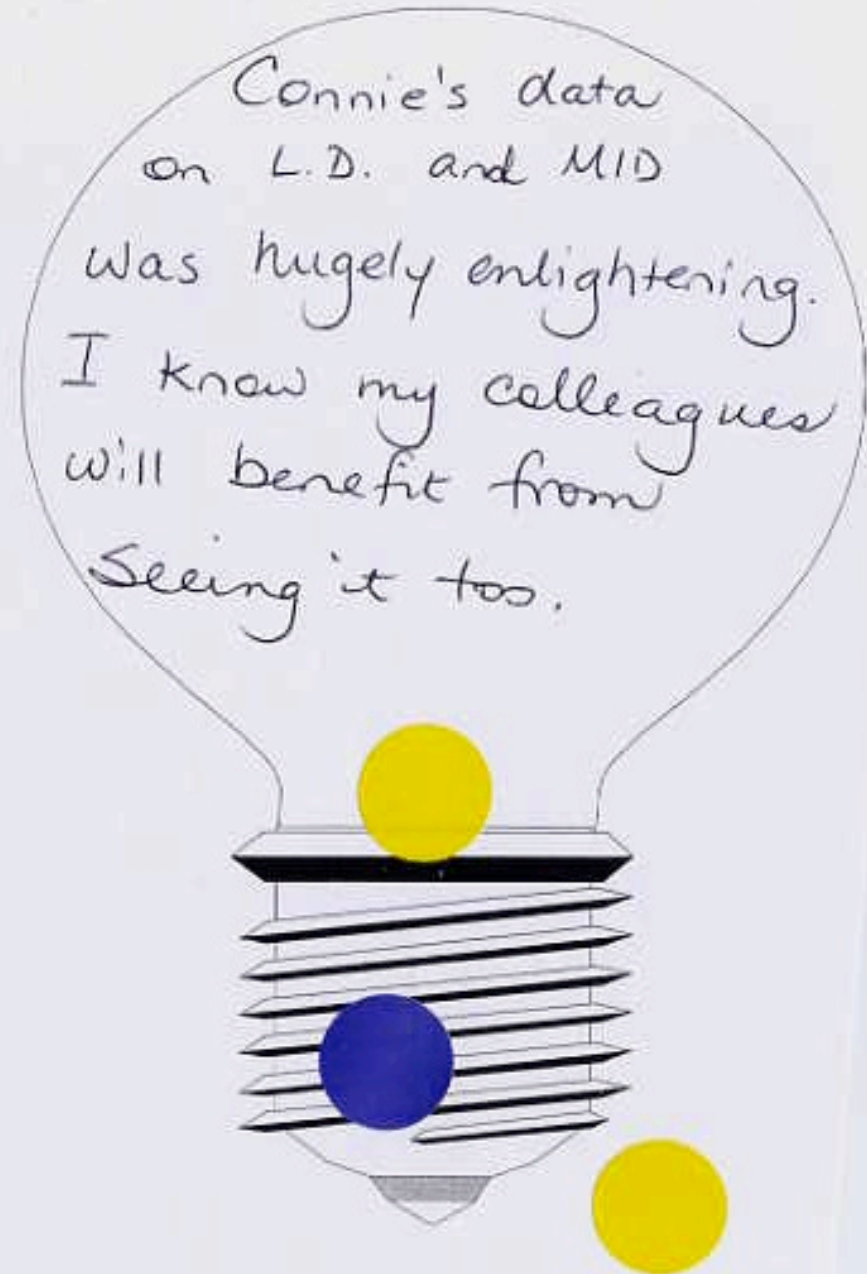


Number lines
are powerful
representations.

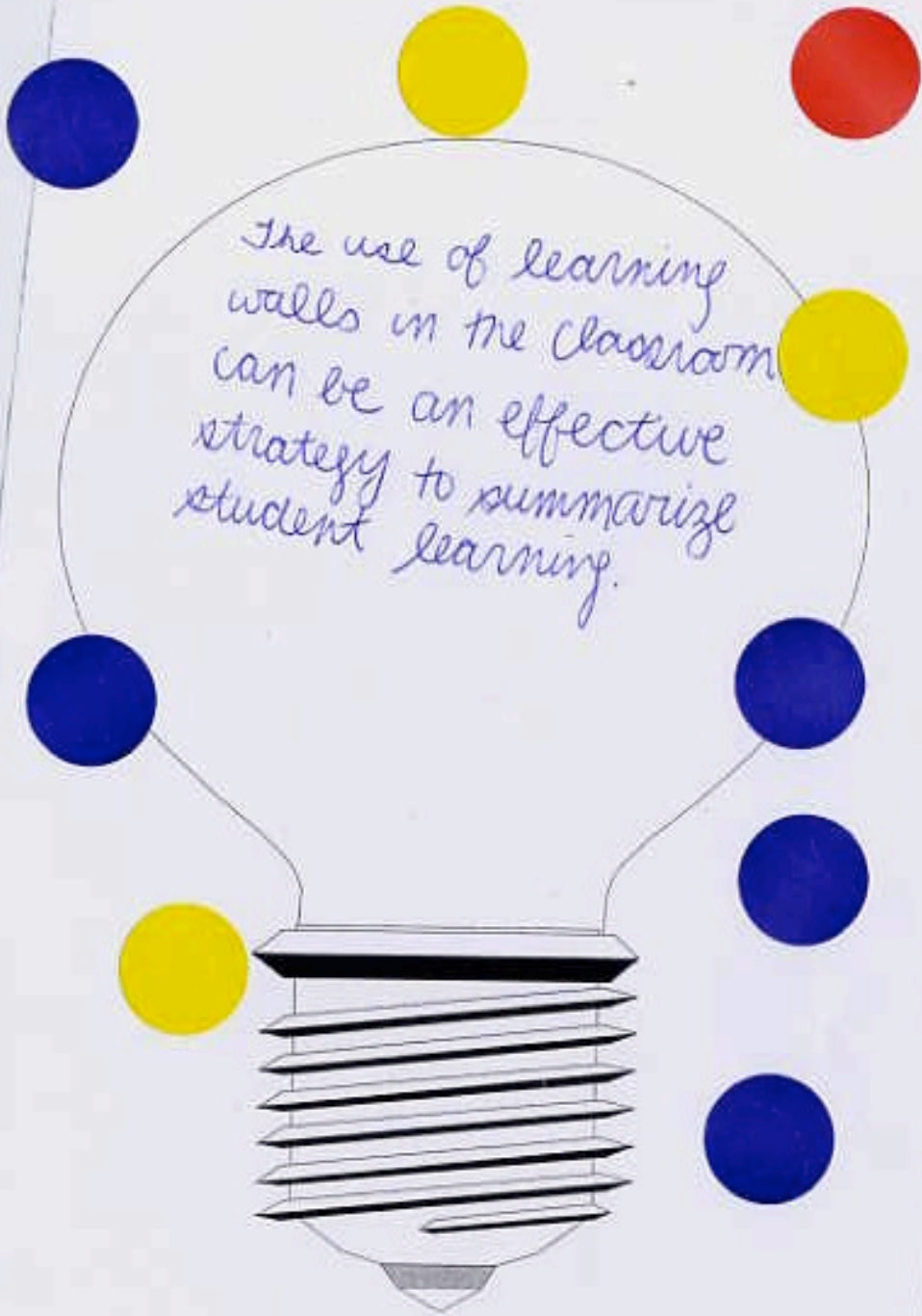




Use more interpretive
questioning to extract
info on how the
student thinks! This
also exposes their peers
to alternate ways
of reasoning.

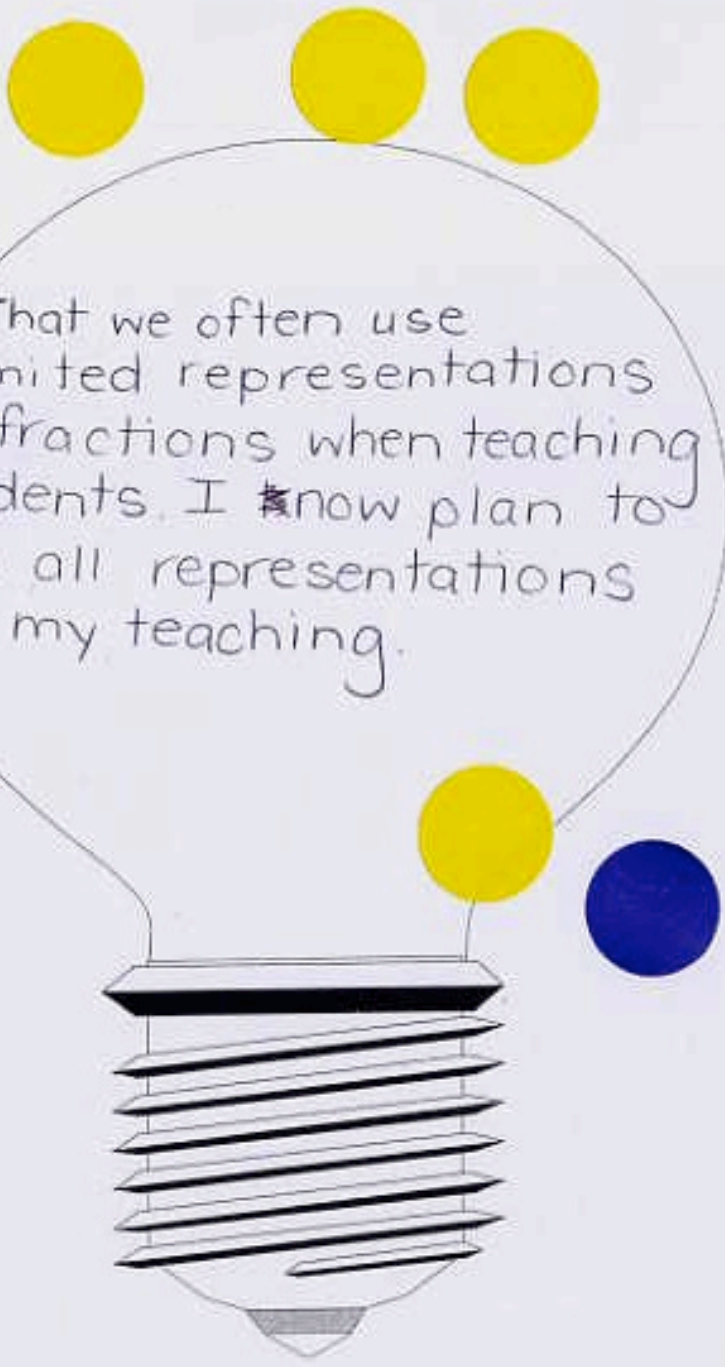


Connie's data
on L.D. and MID
was hugely enlightening.
I know my colleagues
will benefit from
seeing it too.



The use of learning walls in the classroom can be an effective strategy to summarize student learning.

A hand-drawn lightbulb with a spiral base. The bulb is surrounded by eight colored dots: one blue at the top left, one yellow at the top, one red at the top right, one yellow on the right, one blue on the bottom right, one blue at the bottom, one yellow at the bottom left, and one blue on the left. The text is written inside the bulb's glass part.



That we often use limited representations of fractions when teaching students. I ~~now~~ plan to use all representations in my teaching.

A hand-drawn lightbulb with a spiral base. The bulb is surrounded by five colored dots: three yellow at the top, one yellow on the right, and one blue at the bottom right. The text is written inside the bulb's glass part.

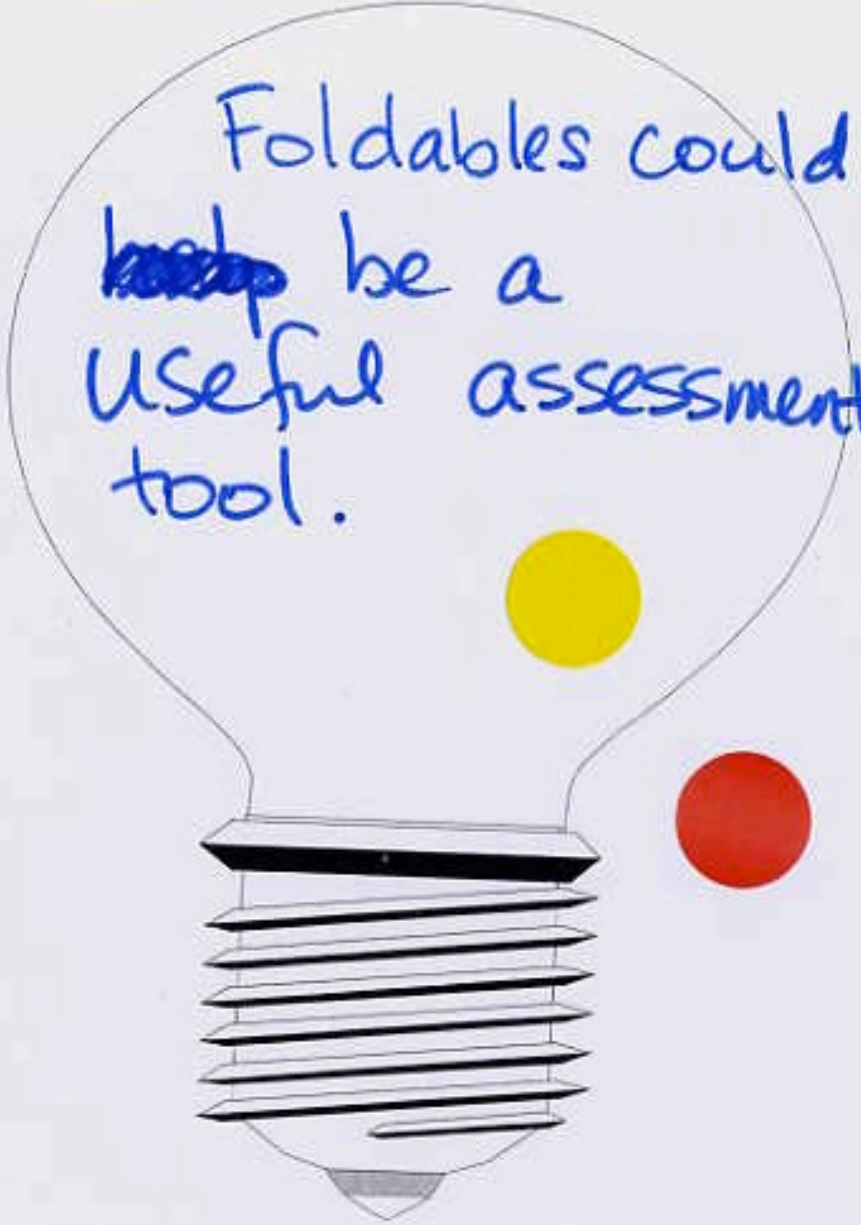


Foldable
Handouts/
Tools

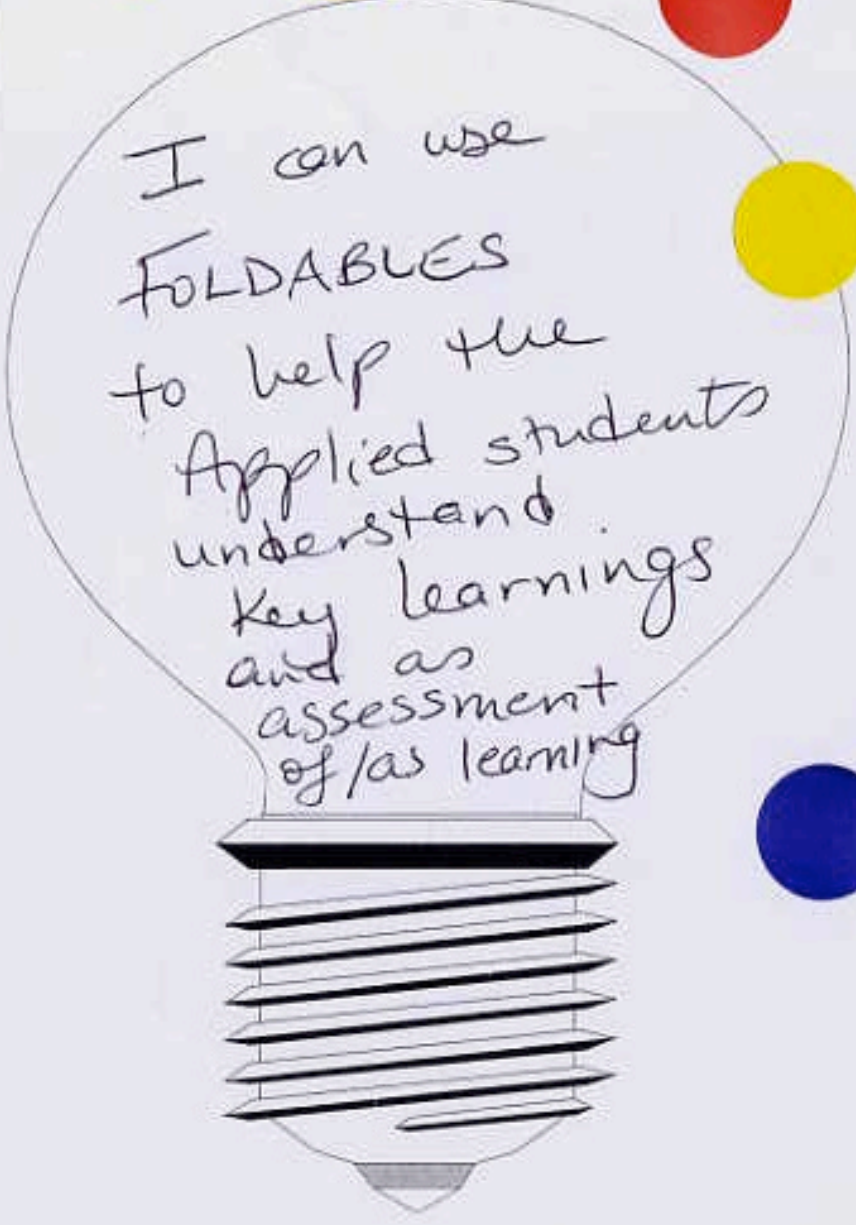


AHA Moments

- creating a learning wall to support all students
- curriculum connections - fractions are everywhere!



Foldables could
~~help~~ be a
Useful assessment
tool.



I can use
FOLDABLES
to help the
Applied students
understand
key learnings
and as
assessment
of/as learning

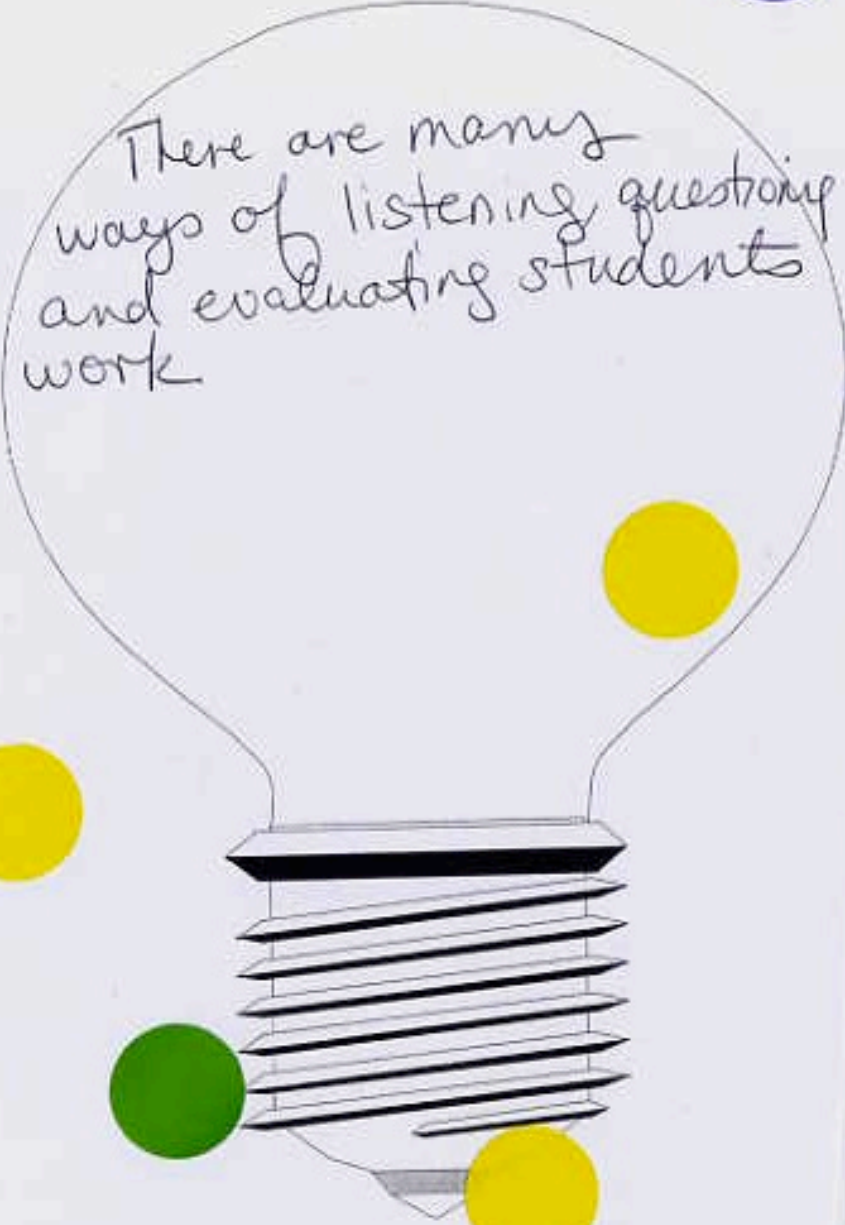
Have students
write and read Aha
moments like this!

6

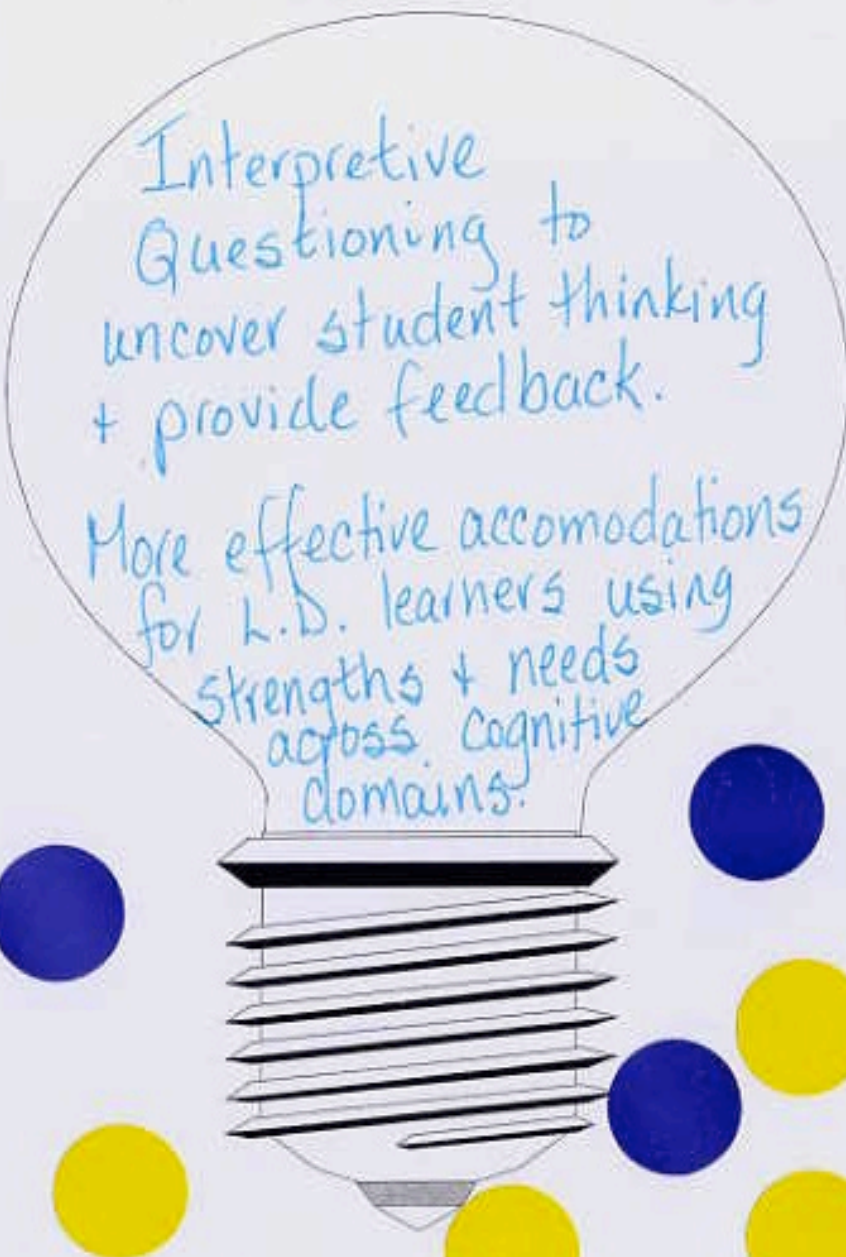
Our sessions confirmed
the necessity of listening more
and giving the students the
opportunity to explore and express
themselves instead of jumping in and
giving them the answers.

I have also noticed how important
it is to keep multiple intelligences
in mind and actually use various
tools and strategies to
reach every single student.

Constant review is the key
to sustainability.



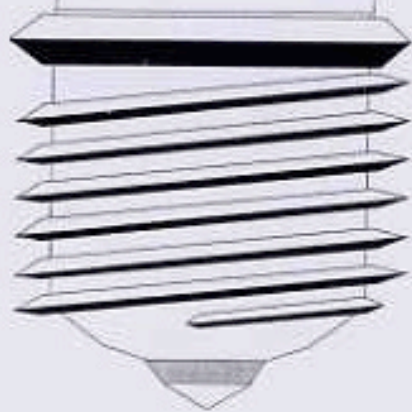
There are many
ways of listening, questioning
and evaluating students
work.



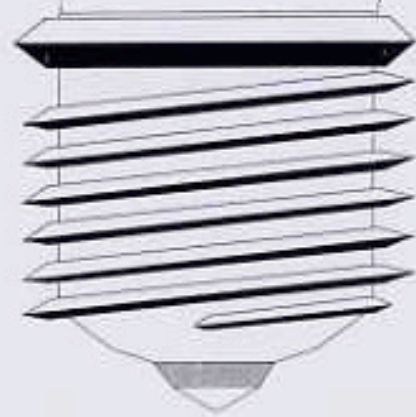
Interpretive
Questioning to
uncover student thinking
+ provide feedback.

More effective accommodations
for L.D. learners using
strengths + needs
across cognitive
domains.

I should be confident
with my assessment and student
feedback because I know enough
to contribute to collaborative work
with experienced teachers.



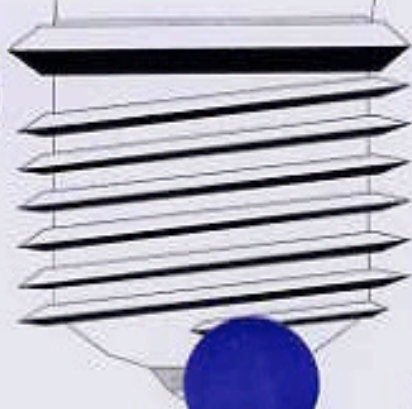
the extent to which
the array model can
be used for "everything"
GAP closing - multiplying mixed



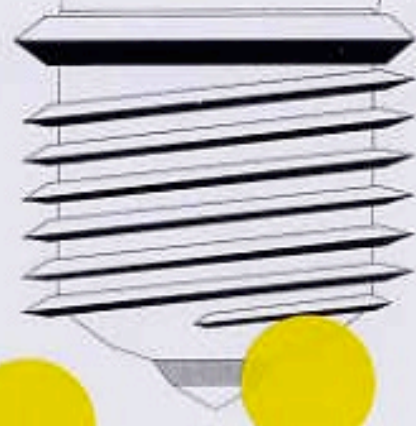
Representing x^2
value with
base ten blocks
connections btw
fractions and
algebra

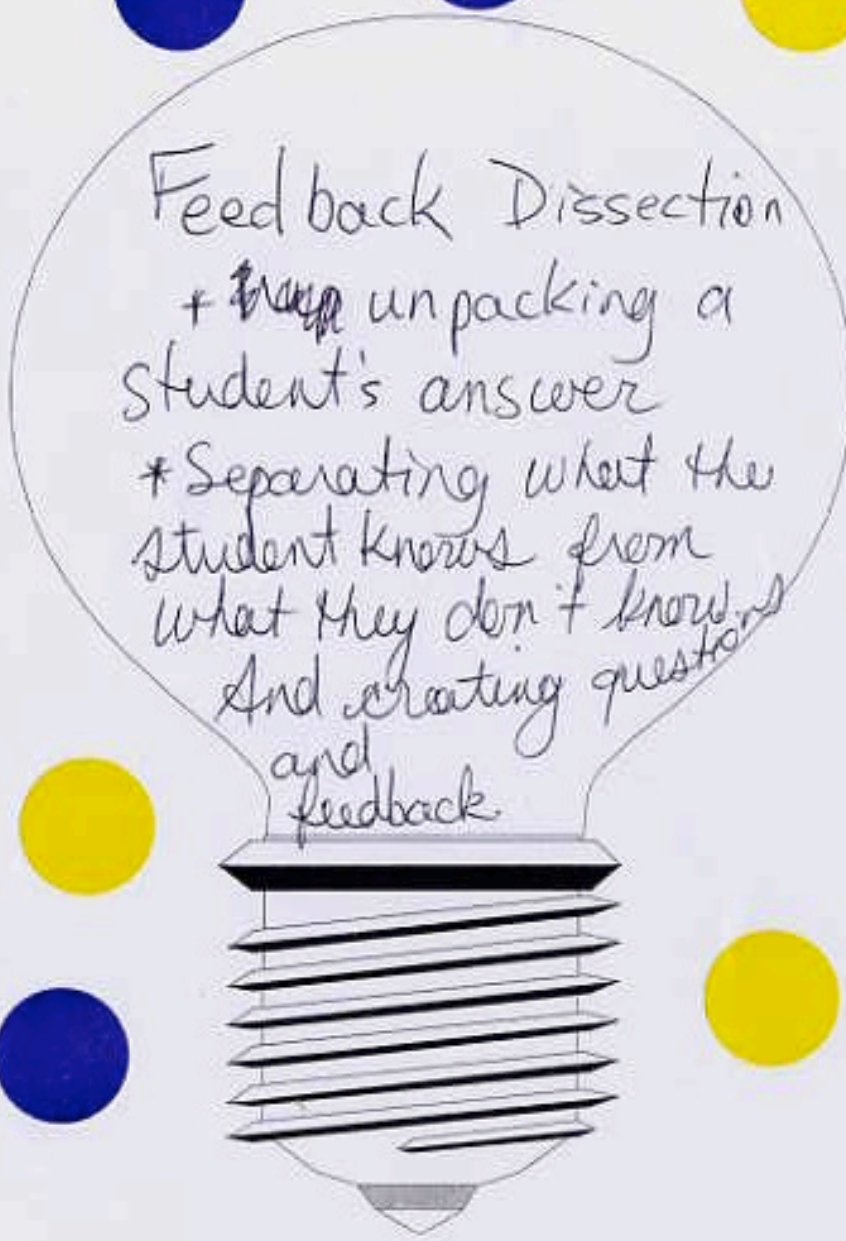
Variable
number line &
how we can
turn it into
functions

Creating a
number line for
variable functions
generates excellent
conversation.



Being an active
learner is more powerful
than I originally thought,
especially in an environment
that is safe and open
to different ideas.



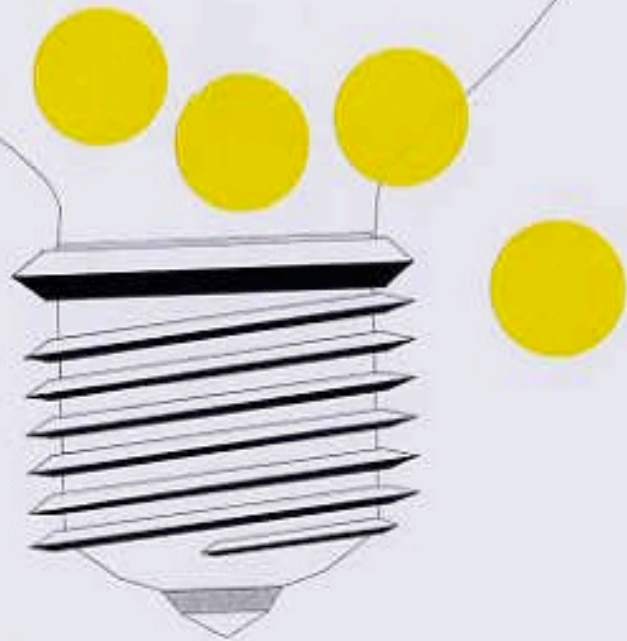


Feed back Dissection
+ ~~unpack~~ unpacking a
student's answer
* Separating what the
student knows from
what they don't know
And creating questions
and feedback

Blogs & Twitter

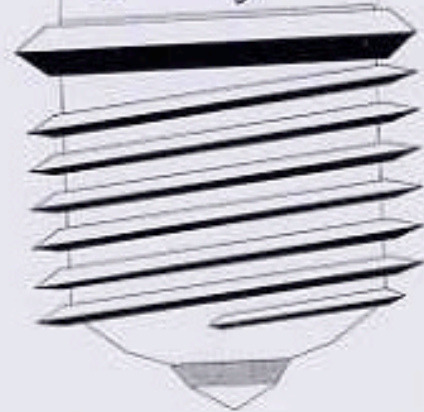
I will be following
educators (e.g. fellow
CAMPPP members, Dan Meyer, etc.)
for ideas.

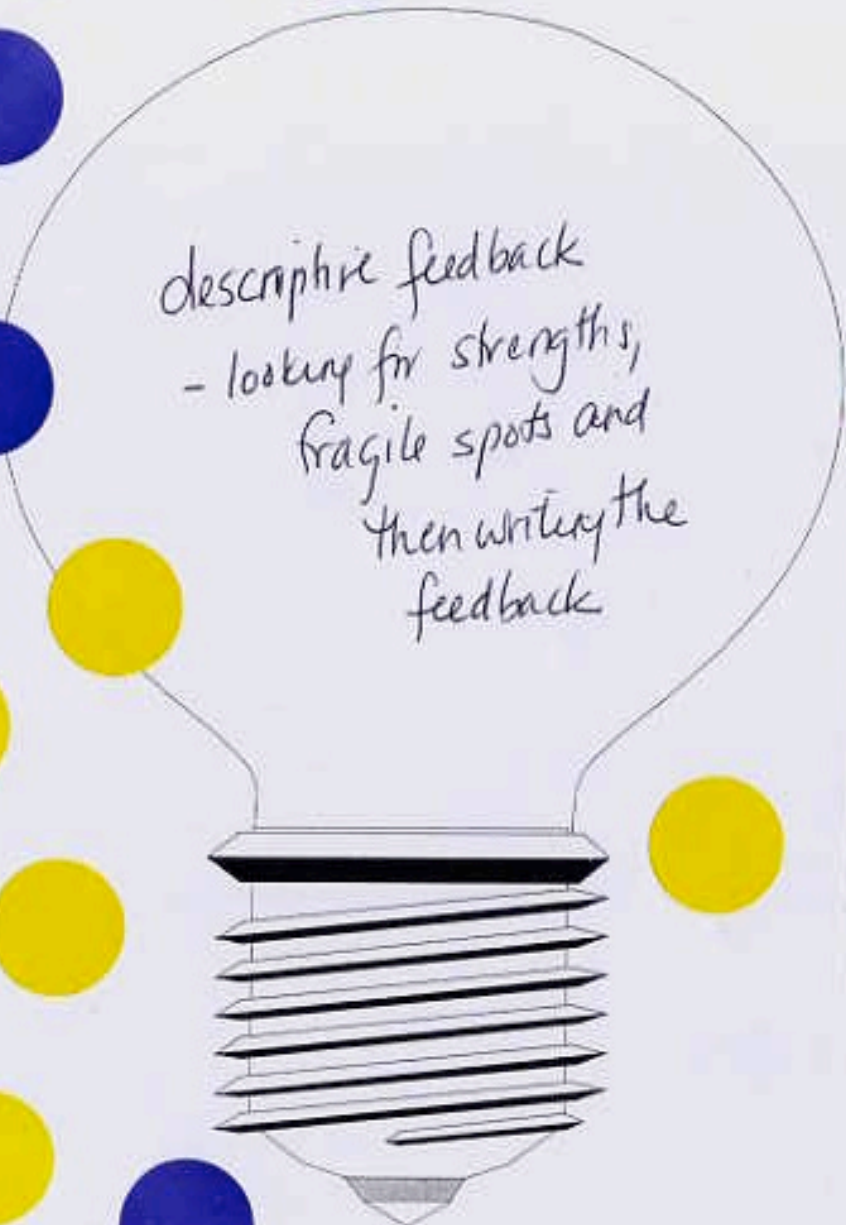
The formula/process
to go through that
will lead to good
descriptive feedback.



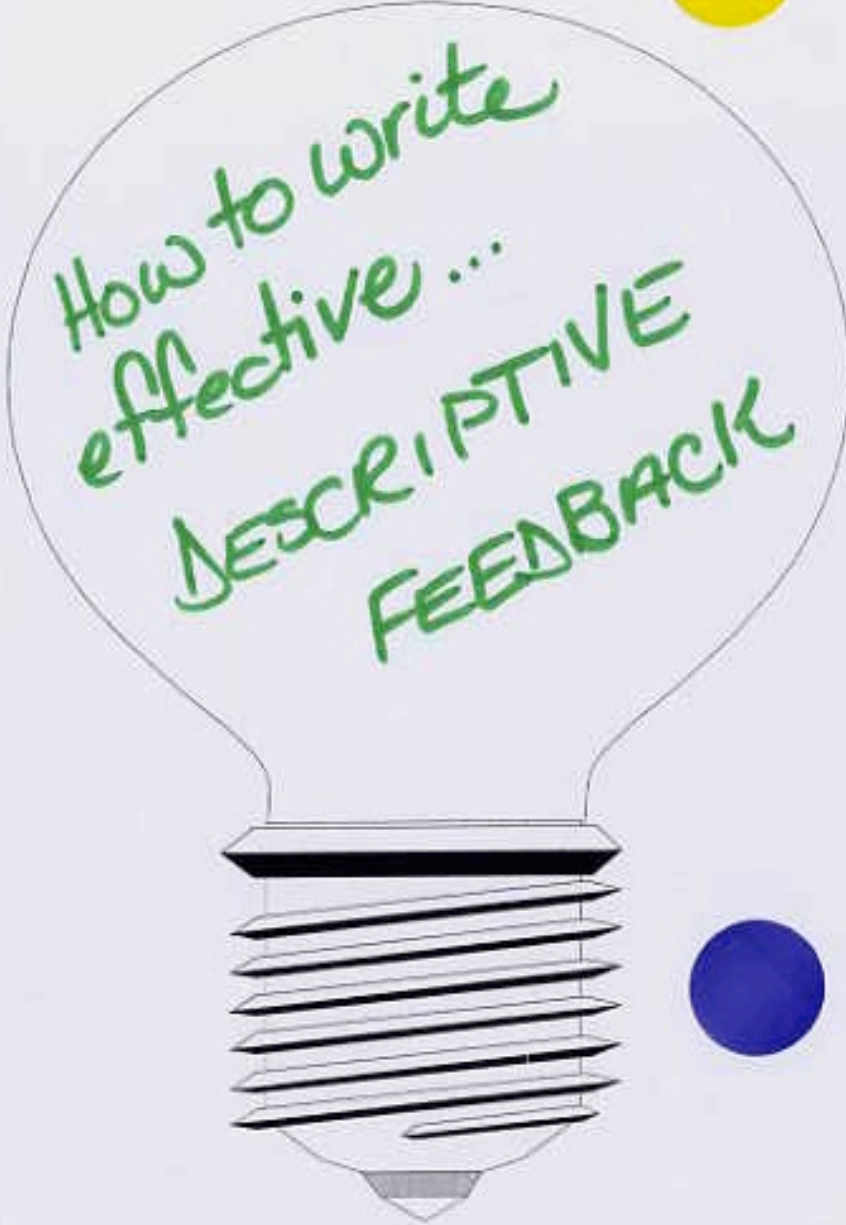
DESCRIPTIVE FEEDBACK

Using the "Know, Fragile, Questions"
activity helped to develop
genuinely helpful feedback
and to even ensure
the level of
learning.





descriptive feedback
- looking for strengths,
fragile spots and
then writing the
feedback



How to write
effective ...
**DESCRIPTIVE
FEEDBACK**

